

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9573	membrane module	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:04
L2	1	1 and hyrdogen	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:16
L3	2	"6066307".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:18
L4	30998	gasif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:18
L5	46646	gasif\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:18
L6	0	hydrogen near memebrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:18
L7	1669	hydrogen near membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:18
L8	5374	hydrogen near2 membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:19
L9	57	5 same 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:19
L10	2	"6235417".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:22
L11	2	"6296687".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:22

## EAST Search History

L12	26	("4548619"   "4804448"   "4981676"   "5244753"   "5298235"   "5306411"   "5342431"   "5387330"   "5447705"   "5478444"   "5525322"   "5573737"   "5616223"   "5637259"   "5665482"   "5672437"   "5702999"   "5788748"   "5820654"   "5820655"   "5821185").PN. OR ("6296687"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 06:25
L13	22	gasif\$8 with hydrogen near2 membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 06:33
L14	1	"4810485".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 06:33
L15	102	("1174631"   "2540152"   "2734592"   "2773561"   "2824620"   "2911057"   "2958391"   "2961062"   "3359134"   "3592941"   "4555453"   "4676808").PN. OR ("4810485").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 08:35
L16	5606	hydrogen near3 membrane	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 08:39
L17	286127	(palladium or Pd) or (perovskite near4 ceramic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 08:39
L18	166	proton near2 conductive and electron near2 conductive	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 08:39
L19	7893	hydrogen near3 membrane	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:39
L20	316495	(palladium or Pd) or (perovskite near4 ceramic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:39
L21	193	proton near2 conductive and electron near2 conductive	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:39
L22	10	19 and 20 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:54

## EAST Search History

L23	1150252	conductive	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:54
L24	1164	19 and 20 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:55
L25	360	24 and (gasification or syn\$7 near gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:55
L26	31	25 and perovskite	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 08:56
L27	25	("3413777"   "3428476"   "4851303"   "5250184"   "5387330"   "5496655"   "5604048"   "5616223"   "5670270"   "6033632"   "6056807"   "6066307").PN. OR ("6235417").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 09:10
L28	55	26 or 27	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 09:10
L29	14	28 and gasif\$7	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 09:10
S1	2	"6235417".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/12 15:44
S2	2	"6296687".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2007/09/13 06:04